L Number	Hits	Search Text	DB	Time stamp
-	2	6023727.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:53
-	2	5933652.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/17 14:40
-	2	5878256.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/17 14:42
-	2	5826075.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/17 14:53

-	1	(("4998165" "5214695" "5235651" "5650858" "5933652" "5477264" "5933631" "5394485" "5652868" "5657430" "5692190" "5694583" "5802363" "4583185" "4974078" "5519869" "5530531" "5640496" "5710829" "5754751" "5793350" "5847771" "6006039" "6014131" "6047317" "6122012" "6134567" "6191827" "6421776" "6429950" "6591010" "5291585" "5504905" "5586324" "5826075" "5878256" "5287519" "5341422" "5388156" "5432939" "5446898" "5465357" "5481709" "5495611" "5555373" "5574786" "5712973" "5754852" "5918007" "6141669").pn.) and 717/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/17 14:54

-	98	("4998165" "5214695" "5235651" "5650858" "5933652" "5477264" "5933631" "5394485" "5652868" "5657430" "5692190" "5694583" "5802363" "4583185" "4974078" "5519869" "5530531" "5640496" "5710829" "5754751" "5793350" "5847771" "6006039" "6014131" "6047317" "6122012" "6134567" "6191827" "6421776" "6429950" "6591010" "5291585" "5504905" "5586324" "5826075" "5878256" "5287519" "5341422" "5388156" "5432939" "5446898" "5465357" "5481709" "5495611" "5555373" "5574786" "5712973" "5754852" "5918007" "6141669").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/17 14:54
-	0	firmware adj family adj code	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 09:46
-	8	firmware with family with code	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 09:52
-	27	(family with code) and (updat$3 with firmware$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 10:45
-	20	5802365.URPN.	USPAT	2004/08/18 10:23

-	9	(family with byte) and (updat$3 with firmware$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 10:46
-	9	(famil$3 with byte$1) and (updat$3 with firmware$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 10:48
-	321	717/168.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 10:48
-	102	717/169.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 10:49
-	315	717/170.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 10:49
-	446	719/321.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 13:53

Published before July 2001
Term used **Piazza**

Found **7** of **112,614**

Sort results by: relevance

Display results: expanded form

Save results to a Binder

Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 1 - 7 of 7

Relevance scale

1 Real-time systems: Merlot: a tool for analysis of real-time specifications

Carlo Bellettini, Miguel Felder, Mauro Pezzè

December 1993 **Proceedings of the 7th international workshop on Software specification and design**

Full text available: pdf(831.44 KB) Additional Information: full citation, abstract, references

Real-time systems are becoming increasingly important in the everyday life. The use of such systems for critical applications requires tools and techniques for increasing correctness and reliability of the final product. In this paper, we describe a toolset (Merlot) for analyzing real-time system specifications. Merlot allows the automatic verification of temporal properties for a large set of specifications and requires the interaction with the user only when the complexity of the specification ...

2 Navigating within the data: Modal navigation for hypermedia applications

Franca Garzotto, Luca Mainetti, Paolo Paolini

May 1996 **Proceedings of the workshop on Advanced visual interfaces**

Full text available: pdf(6.74 MB) Additional Information: full citation, abstract, references

Hypermedia applications combine the flexibility of navigation based-access to information, typical of hypertext, with the communication power of multiple media, typical of multimedia systems. By their very nature, hypermedia applications support *multimode* interacation, i.e., interaction based on a *combination of multiple modalities* that are induced by different media and different navigation paradigms. The potentially huge number of mode combinations in hypermedia can accommodate a ...

3 Requirements engineering: Towards extensible graphical formalisms

Carlo Ghezzi, Mauro Pezzè

December 1993 **Proceedings of the 7th international workshop on Software specification and design**

Full text available: pdf(600.10 KB) Additional Information: full citation, abstract, references

We discuss how to tailor a graphical notation on top of a kernel formal (graphical) specification language. The goal is to allow an environment supporting formal specifications written in a kernel formal notation to be extended to support additional, application domain oriented, graphical notations. The semantics of the newly defined notation is given by a translation scheme into the kernel notation. Our approach is founded on high-level Petri nets, the kernel formalism, and graph grammars, whic ...

4 Text processing - where do we go from here?

Sandra Piazza

October 1981 **Proceedings of the 9th annual ACM SIGUCCS conference on User services**

To Locate an Author:

1. Enter a last name or select a letter in the alphabet.
2. Once you identify the name, select it to search the database for relevant articles.

1.Options:

» Enter a name to find an author:

Go

Example:Enter Lockett S to obtain a list of authors with the last name Lockett and first name initial S.
OR» Select a letter to browse the author list:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z | ALL

2. Select an author name to search the database for relevant articles:

Piazza A. J.	Piazza C.	Piazza D.	Piazza E.	Piazza F.
Piazza G.	Piazza R.	Piazza R. L.	Piazza S.	Piazza S. D.
Piazza S. J.	Piazza T.	Piazza T. S.	Piazza V.	

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z | ALL

Published before July 2001
Terms used **firmware update family byte**

Found **39** of **112,614**

Sort results by: relevance
Display results: expanded form

Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 39 Result page: **1** 2 next

Relevance scale

1 Heart: An operating system nucleus machine implemented by firmware

N. Kamibayashi, H. Ogawana, K. Nagayama, H. Aiso
March 1982 **Proceedings of the first international symposium on Architectural support for programming languages and operating systems**, Volume 17 , 10 Issue 4 , 2

Full text available: pdf(791.96 KB) Additional Information: full citation, abstract, references, index terms

This paper discusses the role of microprogramming in operating system design and shows several things: (1) advantages of the efficiency which may be gained from microcoded operating system primitives, (2) selecting the most appropriste primitives for implementation, and (3) an analysis of the tradeoffs among software, firmware, and hardware. The authors propose a practical approach of enhancing computer architecture level, from a view point of functional hierarchy of operating systems. In o ...

2 Firmware approach to fast Lisp interpreter

Hiroshi G. Okuno, Nobuyasu Osato, Ikuo Takeuchi
December 1987 **Proceedings of the 20th annual workshop on Microprogramming**

Full text available: pdf(1.14 MB) Additional Information: full citation, abstract, references, citings

The approach to speed up a Lisp interpreter by implementing it in firmware seems promising. A microcoded Lisp interpreter shows good performance for very simple benchmarks, while it often fails to provide good performance for larger benchmarks and applications unless speedup techniques are devised for it. This was the case for the TAO/ELIS system. This paper describes various techniques devised for the TAO/ELIS system in order to speed up the interpreter of the TAO language implemented on t ...

3 Towards an efficient, machine-independent language for microprogramming

David A. Patterson, Karl Lew, Richard Tuck
November 1979 **Proceedings of the 12th annual workshop on Microprogramming**

Full text available: pdf(913.17 KB) Additional Information: full citation, abstract, references, citings, index terms

A machine independent low level language YALLL is presented. This language produces microcode for two very different machines: Hewlett Packard HP 300 and Digital Equipment Corporation VAX 11/780. The efficiency of this language is tested by comparing two examples on both machines to microassembly coded versions. To our best knowledge, this is the first time programs have been compiled and executed on two different microarchitectures. These examples also let us compare the efficiency of the ...

4 Verification of microprogrammed computer architectures in the S*-system: a case study

W. Damm, G. Dohmen

Published before July 2001
Terms used **firmware update compatibility table**

Found **63** of **112,614**

Sort results by: relevance
Display results: expanded form

Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 63

Result page: **1** 2 3 4 next

Relevance scale

1 Improved methods for storing and updating information in the out-of-kilter algorithm
Samar Singh
May 1986 **Journal of the ACM (JACM)**, Volume 33 Issue 3

Full text available: pdf(1.12 MB) Additional Information: full citation, abstract, references, index terms, review

Currently, network codes based on the primal simplex algorithm are believed to be computationally superior to those based on other methods. Some modifications of the out-of-kilter algorithm of Ford and Fulkerson are given, together with proofs of their correctness and computer implementations using appropriate data structures. The computational tests in this paper indicate that the final code based on these modifications is superior to any previously implemented version of this algorithm. A ...

2 Status report of the graphic standards planning committee of ACM/SIGGRAPH: State-of-the-art of graphic software packages
Computer Graphics staff
September 1977 **ACM SIGGRAPH Computer Graphics**, Volume 11 Issue 3

Full text available: pdf(9.03 MB) Additional Information: full citation, references

3 ARPS: a new real-time computer
Kenneth J. Thurber
October 1976 **ACM SIGARCH Computer Architecture News**, Volume 5 Issue 4

Full text available: pdf(1.14 MB) Additional Information: full citation, references, citings

4 Pen computing: a technology overview and a vision
André Meyer
July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Full text available: pdf(5.14 MB) Additional Information: full citation, abstract, citings, index terms

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions.Starting with a short historic ...